

IN THE CLAIMS:

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1. A logically partitioned data processing system, comprising:  
a plurality of logical partitions;  
a plurality of operating systems, each assigned to a separate one of the plurality of logical partitions;  
a plurality of assignable resources, wherein each of the plurality of assignable resources is assigned to one of the plurality of logical partitions;  
a hypervisor, wherein the hypervisor emulates shared resources and provides a virtual copy of the shared resources to each of the plurality of logical partitions.
  2. The logically partitioned data processing system as recited in claim 1, wherein the shared resources comprise an operator panel.
  3. The logically partitioned data processing system as recited in claim 1, wherein the shared resources comprise a system console.
  4. The logically partitioned data processing system as recited in claim 1, wherein the hypervisor receives a system message from one of the plurality of operating system images, appends an operating system identity to the message to produce a new message, and sends the new message to an external data processing system.
  5. The logically partitioned data processing system as recited in claim 1, wherein instructions for executing the hypervisor are contained within firmware.
  6. The logically partitioned data processing system as recited in claim 5, wherein the firmware comprises a read-only memory.
  7. The logically partitioned data processing system as recited in claim 5, wherein the firmware comprises a programmable read-only memory.

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8. The logically partitioned data processing system as recited in claim 5, wherein the firmware comprises an erasable programmable read-only memory.

9. The logically partitioned data processing system as recited in claim 5, wherein the firmware comprises an electrically erasable programmable read-only memory.

10. The logically partitioned data processing system as recited in claim 5, wherein the firmware comprises a non-volatile random access memory.

✓ Claims 11-24 (Canceled)

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